



49	0.75		L	=====
50	1.32		Y	=====
51	1.32		R	=====
52	1.55		R	=====
53	1.63		D	=====
54	1.17		E	=====
55	0.42		T	=====
56	0.42		I	=====
57	-0.08		= Q	
58	0.02		V	
59	0.32		K	=====
60	-0.10		= G	
61	-0.10		= N	
62	-0.57	=====	G	
63	-0.52	=====	Y	
64	-0.55	=====	V	
65	-0.05		Q	
66	-0.08		= S	
67	0.17		P	=====
68	0.17		R	=====
69	0.17		F	=====
70	0.18		P	=====
71	-0.32	=====	N	
72	0.60		S	=====
73	0.63		Y	=====
74	0.30		P	=====
75	-0.05		R	
76	-0.37	=====	N	
77	-0.43	=====	L	
78	-1.50	=====	L	
79	-1.03	=====	L	
80	-1.03	=====	T	
81	-0.82	=====	W	
82	-0.47	=====	R	
83	-0.37	=====	L	
84	0.70		H	=====
85	0.23		S	=====
86	0.47		Q	=====
87	1.05		E	=====
88	0.70		N	=====
89	0.70		T	=====
90	-0.10		= R	
91	-0.38	=====	I	
92	-0.73	=====	Q	
93	-0.73	=====	L	
94	-0.40	=====	V	
95	-0.40	=====	F	
96	-0.52	=====	D	
97	-0.27	=====	N	
98	-0.15		= Q	
99	-0.15		= F	
100	0.32		G	=====
101	0.20		L	=====
102	1.12		E	=====
103	1.15		E	=====

T05050" E 1552500

104 1.95
 105 1.15
 106 0.48
 107 1.07
 108 0.18
 109 0.65
 110 -0.27
 111 -0.22
 112 0.45
 113 -0.30
 114 0.58
 115 0.58
 116 0.70
 117 1.00
 118 1.00
 119 1.18
 120 0.73
 121 0.17
 122 0.17
 123 -0.18
 124 -0.18
 125 -0.12
 126 0.33
 127 -0.17
 128 -0.03
 129 0.27
 130 -0.32
 131 0.18
 132 0.18
 133 0.50
 134 0.67
 135 0.67
 136 1.25
 137 0.45
 138 0.45
 139 0.75
 140 1.25
 141 1.18
 142 0.72
 143 1.05
 144 0.25
 145 0.70
 146 -0.10
 147 -0.10
 148 -0.55
 149 -0.08
 150 0.27
 151 0.27
 152 1.07
 153 0.75
 154 0.75
 155 0.00
 156 -0.13
 157 -0.13
 158 -0.63

A =====
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 == V

159	-0.25	====	A	
160	-0.25	====	K	
161	0.50		P	=====
162	0.28		G	====
163	-0.60	=====	F	
164	-0.98	=====	K	
165	-0.93	=====	I	
166	-0.82	=====	Y	
167	-1.62	=====	Y	
168	-0.82	=====	S	
169	0.07		L	=
170	0.03		L	
171	0.02		E	
172	0.32		D	====
173	0.53		F	=====
174	-0.05	=	Q	
175	-0.63	=====	P	
176	-0.17	==	A	
177	0.30		A	====
178	0.23		A	==
179	0.35		S	=====
180	0.27		E	====
181	0.85		T	=====
182	0.85		N	=====
183	0.10		W	=
184	0.10		E	=
185	0.12		S	=
186	0.33		V	====
187	-0.47	=====	T	
188	-1.08	=====	S	
189	-0.83	=====	S	
190	-1.02	=====	I	
191	-1.02	=====	S	
192	-1.45	=====	G	
193	-1.12	=====	V	
194	-0.50	=====	S	
195	-0.50	=====	Y	
196	-0.20	==	N	
197	-0.50	=====	S	
198	-0.18	==	P	
199	0.28		S	====
200	0.23		V	==
201	0.17		T	==
202	-0.18	==	D	
203	-0.23	==	P	
204	-0.25	====	T	
205	-0.25	====	L	
206	-0.33	====	I	
207	-0.57	=====	A	
208	0.23		D	==
209	1.03		A	=====
210	1.62		L	=====
211	0.82		D	=====
212	0.82		K	=====
213	1.62		K	=====

214 0.70
 215 0.70
 216 0.13
 217 0.18
 218 0.77
 219 0.77
 220 0.88
 221 0.08
 222 0.65
 223 0.52
 224 -0.40
 225 -0.87
 226 -0.57
 227 0.23
 228 -0.22
 229 0.00
 230 0.45
 231 0.92
 232 1.42
 233 0.62
 234 1.07
 235 1.27
 236 1.02
 237 0.13
 238 -0.67
 239 0.13
 240 -0.43
 241 -0.47
 242 0.25
 243 0.65
 244 1.45
 245 0.95
 246 1.52
 247 1.57
 248 1.08
 249 0.98
 250 0.98
 251 1.48
 252 1.48
 253 1.48
 254 1.97
 255 1.80
 256 1.80
 257 1.00
 258 1.00
 259 1.45
 260 0.65
 261 0.93
 262 0.93
 263 1.73
 264 1.15
 265 1.15
 266 1.95
 267 1.93
 268 1.48

I =====
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 D =====
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 D =====
 R =====
 L =====
 N =====
 D =====
 D =====
 A =====
 K =====

269	0.82		R	=====
270	0.83		Y	=====
271	0.33		S	===
272	0.33		C	===
273	0.35		T	=====
274	0.32		P	===
275	0.53		R	=====
276	0.35		N	=====
277	0.38		Y	=====
278	-0.42	=====	S	
279	0.05		V	=
280	0.53		N	=====
281	0.98		I	=====
282	0.93		R	=====
283	1.40		E	=====
284	1.40		E	=====
285	0.82		L	=====
286	0.35		K	=====
287	-0.40	=====	L	
288	-0.35	=====	A	
289	-1.27	=====	N	
290	-1.38	=====	V	
291	-1.30	=====	V	
292	-0.83	=====	F	
293	-0.75	=====	F	
294	-0.80	=====	P	
295	-0.68	=====	R	
296	-0.52	=====	C	
297	-0.48	=====	L	
298	-0.48	=====	L	
299	-0.48	=====	V	
300	-0.18	==	Q	
301	0.12		R	=
302	0.40		C	=====
303	0.20		G	==
304	-0.30	==	G	
305	-0.30	==	N	
306	-0.87	=====	C	
307	-0.93	=====	G	
308	-1.22	=====	C	
309	-1.02	=====	g	
310	-1.58	=====	T	
311	-0.92	=====	V	
312	-0.30	==	N	
313	-0.40	==	W	
314	-0.22	==	R	
315	-0.42	=====	S	
316	0.18		C	==
317	-0.27	==	T	
318	-0.32	==	C	
319	0.35		N	=====
320	0.35		S	=====
321	0.27		G	=====
322	0.73		K	=====
323	1.18		T	=====

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324 1.20
 325 0.62
 326 1.18
 327 1.18
 328 0.38
 329 -0.08
 330 -0.52
 331 0.07
 332 -0.43
 333 -0.18
 334 0.03
 335 -0.30
 336 0.62
 337 0.62
 338 1.12
 339 1.12
 340 1.70
 341 1.92
 342 1.92
 343 1.35
 344 0.63
 345 0.55
 346 -0.25
 347 -0.42
 348 -0.42
 349 -0.65
 350 -0.40
 351 -0.62
 352 0.18
 353 0.35
 354 0.17
 355 0.97
 356 1.43
 357 1.57
 358 1.57
 359 1.48
 360 0.87
 361 0.20
 362 -0.14
 363 0.19
 364 0.30
 365 0.58
 366 0.99
 367 1.77
 368 0.00
 369 0.00
 370 0.00

V =====
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 -2 -1 0 1 2
 Hydrophobic Hydrophilic

8/8

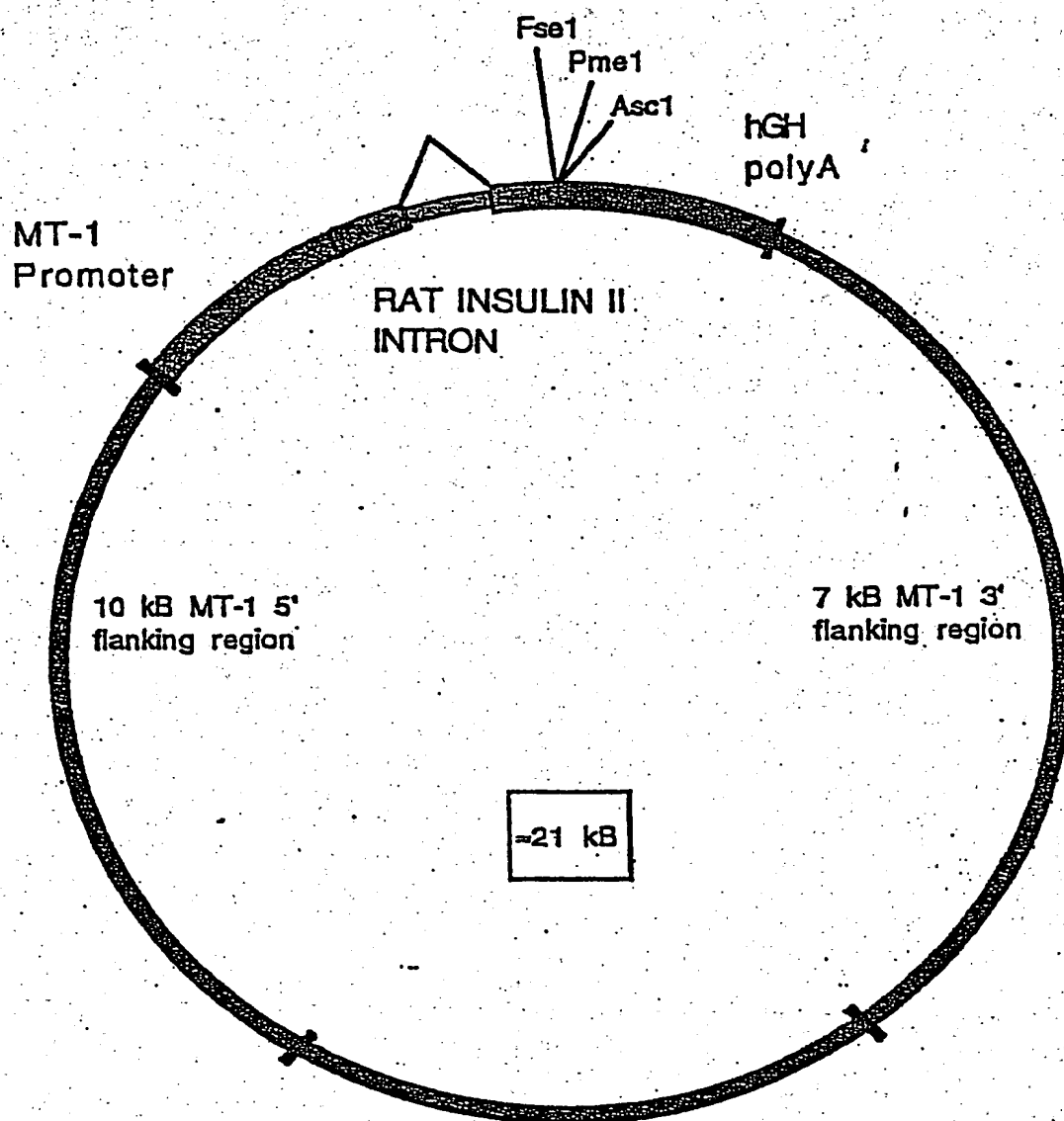


Fig. 2